

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/589,561
Source: IFWP
Date Processed by STIC: 9/1/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/589,561

CRF Edit Date: 9/1/06
Edited by: AC

_____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

_____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

J Deleted: J invalid beginning/end-of-file text ; _____ page numbers

_____ Inserted mandatory headings/numeric identifiers, specifically:

_____ Moved responses to same line as heading/numeric identifier, specifically:

_____ Other:



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/589,561

DATE: 09/01/2006
TIME: 12:24:07

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Output Set: N:\CRF4\09012006\J589561.raw

3 <110> APPLICANT: FIVE PRIME THERAPEUTICS, INC.
5 <120> TITLE OF INVENTION: NOVEL APO2L AND IL-24 POLYPEPTIDES, POLYNUCLEOTIDES,
6 AND METHODS OF THEIR USE
8 <130> FILE REFERENCE: 8940-0037.00304
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/589,561
C--> 10 <141> CURRENT FILING DATE: 2006-08-16
10 <150> PRIOR APPLICATION NUMBER: PCT/US05/005221
11 <151> PRIOR FILING DATE: 2005-02-18
13 <150> PRIOR APPLICATION NUMBER: 60/647,013
14 <151> PRIOR FILING DATE: 2005-01-27
16 <150> PRIOR APPLICATION NUMBER: 60/546,385
17 <151> PRIOR FILING DATE: 2004-02-20
19 <160> NUMBER OF SEQ ID NOS: 237
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24 <211> LENGTH: 540
25 <212> TYPE: DNA
26 <213> ORGANISM: Homo sapiens
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31 aaactgtggg aagccttctg ggctgtgaaa gacactatgc aagctcagga taacatcacg 180
32 agtccccggc tgctgcagca ggagggtctg cagaacgtct cggatgctga gagctgttac 240
33 cttgtccaca ccctgctgga gttctacttg aaaactgttt tcaaaaaacta ccacaataga 300
34 acagttgaag tcaggactct gaagtcattc tctactctgg ccaacaactt tggctctcatc 360
35 gtgtcacaac tgcaacccag tcaagaaaat gagatgttt ccatcagaga cagtgcacac 420
36 aggcggtttc tgctattccg gagagcattc aaacagttgg acgtagaagc agctctgacc 480
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43 <213> ORGANISM: Homo sapiens
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48 cttctctgga gccaggtatc agggggccag ggccaagaat tccactttgg gccctgcaa 180
49 gtgaaggggg ttgttccca gaaactgtgg gaagccttct gggctgtgaa agacactatg 240
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51 tcggatgctg agagctgtta cttgtccac accctgctgg agttctactt gaaaactgtt 360
52 ttcaaaaact accacaatag aacagttgaa gtcaggactc tgaagtctt ctctactctg 420
53 gccaacaact ttgttctcat cgtgtcacaa ctgcaaccca gtcaagaaaa tgagatgttt 480
54 tccatcagag acagtgcaca caggcggtt ctgctattcc ggagagcatt caaacagttg 540
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 67 aaactgtggg aagccttctg ggctgtgaaa gacactatgc aagctcagga taacatcagc 180
 68 agtgcggc tgctgcagca ggaggttctg cagaacgtct cgcaagaaaa tggatgttt 240
 69 tccatcagag acagtgcaca caggcggtt ctgctattcc ggagagcatt caaacagttg 300
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 77 <213> ORGANISM: Homo sapiens
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 86 <213> ORGANISM: Homo sapiens
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 91 aacaactttg ttctcatcgt gtcacaactg caacccagt 159
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 95 <211> LENGTH: 179
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 101 1 5 10 15
 103 Ser Gln Val Ser Gly Ala Gln Gly Gln Glu Phe His Phe Gly Pro Cys
 104 20 25 30
 106 Gln Val Lys Gly Val Val Pro Gln Lys Leu Trp Glu Ala Phe Trp Ala
 107 35 40 45
 109 Val Lys Asp Thr Met Gln Ala Gln Asp Asn Ile Thr Ser Ala Arg Leu
 110 50 55 60
 112 Leu Gln Gln Glu Val Leu Gln Asn Val Ser Asp Ala Glu Ser Cys Tyr
 113 65 70 75 80
 115 Leu Val His Thr Leu Leu Glu Phe Tyr Leu Lys Thr Val Phe Lys Asn
 116 85 90 95
 118 Tyr His Asn Arg Thr Val Glu Val Arg Thr Leu Lys Ser Phe Ser Thr
 119 100 105 110
 121 Leu Ala Asn Asn Phe Val Leu Ile Val Ser Gln Leu Gln Pro Ser Gln
 122 115 120 125
 124 Glu Asn Glu Met Phe Ser Ile Arg Asp Ser Ala His Arg Arg Phe Leu

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PATENT APPLICATION: US/10/589,561

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Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\09012006\J589561.raw

125 130 135 140
127 Leu Phe Arg Arg Ala Phe Lys Gln Leu Asp Val Glu Ala Ala Leu Thr
128 145 150 155 160
130 Lys Ala Leu Gly Glu Val Asp Ile Leu Leu Thr Trp Met Gln Lys Phe
131 165 170 175
133 Tyr Lys Leu
137 <210> SEQ ID NO: 7
138 <211> LENGTH: 206
139 <212> TYPE: PRT
140 <213> ORGANISM: Homo sapiens
142 <400> SEQUENCE: 7
143 Met Asn Phe Gln Gln Arg Leu Gln Ser Leu Trp Thr Leu Ala Arg Pro
144 1 5 10 15
146 Phe Cys Pro Pro Leu Leu Ala Thr Ala Ser Gln Met Gln Met Val Val
147 20 25 30
149 Leu Pro Cys Leu Gly Phe Thr Leu Leu Leu Trp Ser Gln Val Ser Gly
150 35 40 45
152 Ala Gln Gly Gln Glu Phe His Phe Gly Pro Cys Gln Val Lys Gly Val
153 50 55 60
155 Val Pro Gln Lys Leu Trp Glu Ala Phe Trp Ala Val Lys Asp Thr Met
156 65 70 75 80
158 Gln Ala Gln Asp Asn Ile Thr Ser Ala Arg Leu Leu Gln Gln Glu Val
159 85 90 95
161 Leu Gln Asn Val Ser Asp Ala Glu Ser Cys Tyr Leu Val His Thr Leu
162 100 105 110
164 Leu Glu Phe Tyr Leu Lys Thr Val Phe Lys Asn Tyr His Asn Arg Thr
165 115 120 125
167 Val Glu Val Arg Thr Leu Lys Ser Phe Ser Thr Leu Ala Asn Asn Phe
168 130 135 140
170 Val Leu Ile Val Ser Gln Leu Gln Pro Ser Gln Glu Asn Glu Met Phe
171 145 150 155 160
173 Ser Ile Arg Asp Ser Ala His Arg Arg Phe Leu Leu Phe Arg Arg Ala
174 165 170 175
176 Phe Lys Gln Leu Asp Val Glu Ala Ala Leu Thr Lys Ala Leu Gly Glu
177 180 185 190
179 Val Asp Ile Leu Leu Thr Trp Met Gln Lys Phe Tyr Lys Leu
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184 <211> LENGTH: 126
185 <212> TYPE: PRT
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193 20 25 30
195 Gln Val Lys Gly Val Val Pro Gln Lys Leu Trp Glu Ala Phe Trp Ala
196 35 40 45
198 Val Lys Asp Thr Met Gln Ala Gln Asp Asn Ile Thr Ser Ala Arg Leu

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Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\09012006\J589561.raw

199 50 55 60
201 Leu Gln Gln Glu Val Leu Gln Asn Val Ser Gln Glu Asn Glu Met Phe
202 65 70 75 80
204 Ser Ile Arg Asp Ser Ala His Arg Arg Phe Leu Leu Phe Arg Arg Ala
205 85 90 95
207 Phe Lys Gln Leu Asp Val Glu Ala Ala Leu Thr Lys Ala Leu Gly Glu
208 100 105 110
210 Val Asp Ile Leu Leu Thr Trp Met Gln Lys Phe Tyr Lys Leu
211 115 120 125
214 <210> SEQ ID NO: 9
215 <211> LENGTH: 14
216 <212> TYPE: PRT
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219 <400> SEQUENCE: 9
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225 <211> LENGTH: 53
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233 Lys Thr Val Phe Lys Asn Tyr His Asn Arg Thr Val Glu Val Arg Thr
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236 Leu Lys Ser Phe Ser Thr Leu Ala Asn Asn Phe Val Leu Ile Val Ser
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244 <211> LENGTH: 807
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251 taactttct gtaaaaagaa ccagctgcct ccaggcagcc agccctcaag catcacttac 180
252 aggaccagag cagacccttc tgccctcctt tgctggcgac agcctctcaa atgcagatgg 240
253 ttgtgctccc ttgcctgggt ttaccctgc ttctctggag ccaggtatca ggggcccagg 300
254 gccaagaatt ccactttggg ccctgccaag tgaaggggt tttccccag aaactgtggg 360
255 aagccttctg ggctgtgaaa gacactatgc aagctcagga taacatcacg agtgcggcgc 420
256 tgctgcagca ggaggttctg cagaacgtct cggatgctga gagctgttac cttgtccaca 480
257 ccctgctgga gttctacttg aaaactgttt tcaaaaaacta ccacaataga acagttgaag 540
258 tcaggactct gaagtcatcc tctactctgg ccaacaactt tttctcatc gtgtcacaac 600
259 tgcaacccag tcaagaaaaat gagatgttt ccatcagaga cagtgcacac aggccgttc 660
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262 caggacctcc ctccccctgg cactggg 807
265 <210> SEQ ID NO: 12

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/589,561

DATE: 09/01/2006
TIME: 12:24:07

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Output Set: N:\CRF4\09012006\J589561.raw

266 <211> LENGTH: 1393
267 <212> TYPE: DNA
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272 cacagctatg cctctgattg gtgaatggtg aaggtgcctg tctaacttt ctgtaaaaag 120
273 aaccagctgc ctccaggcag ccagccctca agcatcactt acaggaccag agggacaaga 180
274 catgactgtg atgaggagct gcttcgcctt attaacacc aagaagaatt gaggctgctt 240
275 gggaggaagg ccaggaggaa cacgagactg agagatgaat tttcaacaga ggctgcaaag 300
276 cctgtggact ttagccagac ccttctgccc tccttgcctg gcgacagcct ctcaaatgca 360
277 gatggttgtg ctcccttgcc tgggtttac cctgcttctc tggagccagg tatcagggc 420
278 ccagggccaa gaattccact ttggggccctg ccaagtgaag ggggttgttc cccagaaact 480
279 gtgggaagcc ttctgggctg taaaagacac tatgcaagct caggataaca tcacgagtgc 540
280 ccggctgctg cagcaggagg ttctgcagaa cgtctcgat gctgagagct gttaccttgt 600
281 ccacaccctg ctggagttct acttgaaaac tggggccctg aactaccaca atagaacagt 660
282 tgaagtcaagg actctgaagt cattctctac tctggccaaac aactttgttc tcacgagtgc 720
283 acaactgcaa cccagtcaag aaaatgagat gtttccatc agagacagtg cacacaggcg 780
284 gtttctgcta ttccggagag cattcaaaca gtggacgta gaagcagctc tgaccaaagc 840
285 cttggggaa gtggacattc ttctgacctg gatgcagaaa ttctacaagc tctgaatgtc 900
286 tagaccagga cttccctccc cttggcactg gtttggccct tgggttcattt caaacagtct 960
287 cccttcctat gctgttcaact ggacacttca cgcccttggc catgggtccc attcttggcc 1020
288 caggattatt gtcaaagaag tcattctta agcagcgcca gtgacagtca gggaaagggtgc 1080
289 ctctggatgc tgtgaagagt ctacagagaa gattcttta tttattacaa ctctattaa 1140
290 ttaatgtcaag tatttcaact gaagttctat ttatttgtta gactgttaatg tacatgaagg 1200
291 cagcagaata ttgtgccccca tgcttctta cccctcacaa tccttgccac agtgtggggc 1260
292 agtggatggg tgcttagtaa gtacttaata aactgtggtg ctttttttgg cctgtcttg 1320
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306 agagcagacc cttctgcctt cttttgttgg cgacagcctc tcaaattgcag atgggtgtgc 240
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320 <212> TYPE: DNA

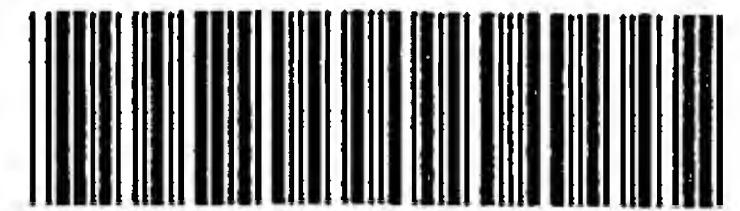
VERIFICATION SUMMARY
PATENT APPLICATION: US/10/589,561

DATE: 09/01/2006
TIME: 12:24:08

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\09012006\J589561.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing (for reference only)



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/589,561

DATE: 08/29/2006
TIME: 09:56:23

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Output Set: N:\CRF4\08292006\J589561.raw

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5 <120> TITLE OF INVENTION: NOVEL APO2L AND IL-24 POLYPEPTIDES, POLYNUCLEOTIDES,
6 AND METHODS OF THEIR USE
8 <130> FILE REFERENCE: 8940-0037.00304
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/589,561
C--> 11 <141> CURRENT FILING DATE: 2006-08-16
13 <150> PRIOR APPLICATION NUMBER: 60/647,013
14 <151> PRIOR FILING DATE: 2005-01-27
16 <150> PRIOR APPLICATION NUMBER: 60/546,385
17 <151> PRIOR FILING DATE: 2004-02-20
19 <160> NUMBER OF SEQ ID NOS: 237
21 <170> SOFTWARE: PatentIn Ver. 3.3

ERRORED SEQUENCES

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3382 <212> TYPE: PRT
3383 <213> ORGANISM: Artificial Sequence
3385 <220> FEATURE:
3386 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
3387 8xHis tag
3389 <400> SEQUENCE: 237
3390 His His His His His His His
3391 1 5
E--> 3394 60

*Does Not Comply
Corrected Diskette Needed*

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/589,561

DATE: 08/29/2006

TIME: 09:56:24

Input Set : A:\08940.0037 Sequence Listing.txt

Output Set: N:\CRF4\08292006\J589561.raw

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:3394 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:237